



XT1 Rugged Mini-Tablet

An industry game changer.

With an increasing need for access to information “anywhere, anytime”, tablet adoption in the enterprise continues to rise. As organizations look to transform business processes and increase worker productivity, the need for a purpose-built, flexible and rugged tablet is greater than ever.

Janam’s XT1 rugged mini-tablet with the Android™ operating system is the industry’s lightest and most powerful rugged tablet, delivering game changing performance to the mobile workforce. The XT1 combines best-in-class technologies with a sleek and rugged design, providing mobile workers with the information they need to make better informed decisions at the point of activity, improve operational efficiencies and increase customer satisfaction and loyalty. It’s technology at work™.

Raising the bar.

Consumer devices are not built to withstand the rigors of everyday use in the enterprise. Smartphones with displays that are too small to be usable quickly become obsolete. Rugged tablets are unwieldy, heavy and expensive. Janam’s XT1 changes all that. The XT1 rugged mini-tablet is a next-generation mobile solution, built to meet the diverse needs and demanding requirements of enterprise and government customers.

The XT1 is designed to provide years of reliable operation for mobile workers in field sales, field service, healthcare, hospitality and retail. Its small and lightweight form factor offers ultimate flexibility, while features like IP54 sealing and hardened touch screen glass help ensure resistance to damage. The XT1 comes with integrated 2D barcode scanning technology to eliminate the challenges often associated with camera scanners or bulky sled attachments. Its integrated RFID/NFC reading capability provides powerful hooks for applications that rely on more diverse modes of data capture. Equipped with 802.11a/b/g/n dual-band WLAN and optional 3G WWAN technology, the XT1 allows for high-quality and reliable data communication. With the XT1, mobile workers are armed with the tool they need to get the job done.

The right features. The right price.



- » Android™ operating system
- » Brilliant 5.9 inch WVGA TFT capacitive touch screen
- » High performance 1D and 2D barcode scanning
- » Dual-core ARM Cortex-A9 CPU @1.5GHz
- » Multiple 3’/1m drops to concrete
- » Sealed to IP54 standards
- » Embedded RFID/NFC reading capability
- » 16GB of built-in memory with expansion capability
- » 802.11a/b/g/n dual-band Wi-Fi and Bluetooth 4.0 (BLE)
- » High sensitivity GPS and Assisted GPS
- » Optional 3G WWAN technology (UMTS/HSDPA/HSUPA/GSM)
- » UL-certified for hazardous locations

XT1 Specifications



TECHNICAL

Operating System	Android 4.2.2
Processor	Dual-core ARM Cortex-A9 CPU @1.5GHz
Memory	1GB RAM / 16GB ROM
Expansion	User-accessible microSD card slot with SD and SDHC support
Power	3000mAh rechargeable Li-ion battery

PHYSICAL

Dimensions	7.8" L x 3.9" W x .5" D / 200.5mm L x 99.3mm W x 14.7mm D
Weight	13oz / 370g including battery
Display	5.9" TFT WVGA (800x480)
Touch Panel	Capacitive touch screen

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50° C
Storage Temperature	-4° to 140°F / -20° to 60° C
Humidity	0% to 90% RH (no condensation)
Drop	Multiple 3ft / 1m drops to concrete on all sides across a wide temperature range
Water & Dust	IP54
Vibration	2.13 Grms from 5Hz to 200Hz in all three axes; 20 minutes per axis
Electro Static Discharge (ESD)	+/- 8kV air; +/- 4kV contact
Sterilization	75% concentration alcohol rub

INTERFACE FEATURES

Audio	3.5mm headset jack; mono speaker; mono microphone; micro HD output (out)
Alerts	Vibration; LED indicators; audio beep
Connectors	mini USB
LED Indicators	Tri-color
External Buttons	Power button; volume/programmable buttons

DATA CAPTURE

Imager	Honeywell N5600 with 2D Adaptus® Imaging Technology; 844 x 640 pixel CMOS area imager
RFID/NFC	Reads FeliCa, ISO14443 Type A, ISO14443 Type B, ISO15693 RFID tags in the 13.56 MHz range and all NFC card types

WIRELESS COMMUNICATION

WWAN	UMTS/HSDPA/HSUPA/GSM
WLAN	Dual-band Wi-Fi 802.11a/b/g/n/d/e/h/i/k/r PICS Compliant
Security	IEEE 802.1x, WEP, WPA/WPA2 (TKIP); WPA2 (PSK, AES); EAP-TTLS; EAP-TLS; PEAPv0-MSCHAPv2; LEAP
WPAN	Bluetooth v4.0 (BLE)

MOBILE APPURTENANCES

Motion Sensor	G-Sensor Accelerometer
GPS	U-Blox GPS and Assisted GPS
Camera	5.0MP CMOS color rear-facing autofocus camera with user-controllable LED flash and 1.2MP front-facing camera

ACCESSORIES

	Single-slot cradle kit (Charging, LAN, USB)
	Six-slot cradle kit (Charging, LAN, USB)
	Syncing/charging cable
	Charging adapter
	Nylon holster
	Operating strap with adjustable grip

SAFETY/REGULATORY

Safety	IEC60950-1/A1:2009
EMI	FCC Part 15B; EN55022; EN55024; EN61000-3-2; EN61000-3-3
RF	FCC Part 15B and 15C; EN301 489-1; EN301 489-3; EN 301 489-7; EN301 489-17; EN 301 489-24; EN300 328; EN301 893; EN300 440; EN301 908-1; EN301 908-2; EN301 511; EN302 291-1; EN302 291-2; EN50566; EN62209-2; EN62479; EN50332
Hazardous Locations	UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D